Title (en)

Single actuation axis printhead cleaner architecture for staggered printheads

Title (de)

Druckkopfreinigungsanordnung mit einzelner Betätigungsachse für versetzten Druckköpfe

Title (fr)

Agencement de nettoyage de têtes d'impression à seul axe d'entraînement pour têtes d'impression décalées

Publication

**EP 1302322 B1 20061227 (EN)**

Application

**EP 02257107 A 20021014**

Priority

US 97848301 A 20011016

Abstract (en)

[origin: EP1302322A1] Systems and methods are provided to service multiple staggered printheads (1312-1 through 1312-5) in a color inkjet-imaging device (2100). Multiple cleaning units (1300-1 through 1300-5) are attached to a service station (2144). Each cleaning unit (1300) includes multiple components (1302 through 1310) to service a particular one printhead (1312). Each cleaning unit (1300) is offset from an adjacent cleaning unit (1300) to form a staggered configuration to service the staggered printheads(1312-1 through 1312-5). The staggered printheads (1312-1 through 1312-5) are moved from/to the service station (2144) to/from a print zone (1402). The staggered cleaning unit configuration (1300-1 through 1300-5) in combination with component positioning provides substantially unhindered access to move the staggered printheads (1312-1 through 1312-5) into and out of the service station (2144). Responsive to moving the staggered printheads (1312-1 through 1312-5) into the service station (2144), the cleaning units service the staggered printheads (1312-1 through 1312-5). <IMAGE> <IMAGE>

IPC 8 full level

**B41J 2/165** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP KR US)

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